

Caso 1 factor comum

$$\textcircled{1} a^2 + ab = a(a+b)$$

$$\textcircled{2} 2a^2x + 6ax^2 = 2ax(a+3x)$$

$$\textcircled{3} a^3 - a^2x + ax^2 = a(a^2 - ax + x^2)$$

$$\textcircled{4} a^{20} - a^{16} + a^{12} - a^8 + a^4 - a^2 = a^2(a^{18} - a^{14} + a^{10} - a^6 + a^2 - 1)$$

$$\textcircled{5} 25x^7 - 10x^5 + 15x^3 - 5x^2 = 5x(5x^6 - 2x^3 + 3x - 1)$$